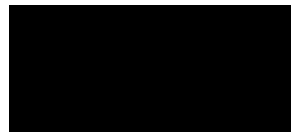


PE18-012

GM

3-27-2019

Q3



Type text here



Diagnostics

- Manage Diagnostic Packages
- Review Stored Data
- Preferences
- Release Notes
- Language

Days Remaining Until Lease Expires
10

Close Application

Home
 Contact Us
 Vehicle Name
 Close

Vehicle Selection

Device: Navigate Without Device

Press Enter To Continue

Make	GMC
Model	Sierra
Model Year	2016

VIN:

1G2YVNEC302010000	2016	Ceiling	K73	Dec 15, 2016 4:03:17 PM
1G2YVNEC302010000	2016	Crashout	Followup	Dec 8, 2016 1:19:00 PM

- Module Diagnostics
- Vehicle Diagnostics**
- System Diagnostics
- Session Manager

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
----------	-------	--------------

Navigation Path

Back Contact Us Home Vehicle Menu Enter

GDS 2 v.20.2.01300 GM Global v2018.9.3 VIN: 1GTV2MEC3 2016.GMC.Sierra

MDI 13.8 V

Vehicle DTC Information

Read Vehicle Wide DTC and ID Information

EEEE GDS2 - [REDACTED] VI PA

Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Select Vehicle Configuration

Property	Value	Value Source

Navigation Path

Vehicle Diagnostics



Back



Contact Us



Home



Vehicle Menu



Enter

ESIS GDS2 - L

GDS 2

Engine Identifier - Please Select an Engine Identifier

4.3L (LV1)
4.3L (LV3)
5.3L (LB3)
5.3L (L8B)
6.0L (L96)
6.0L (LC8)

No TIS Connection Available

Enter

Enter

GDS 2 v 20.1.01300 GM Diagnostics 2018.8.3. V44 10713482307 2018 GM, Service Vehicle Diagnostics

12.3 V

Type here to search

12:17 PM
10/24/2018

ESIS GDS2 - [REDACTED]

GDS 2

Transmission Type - Please select a Transmission Type

Auto	[REDACTED]
Auto	[REDACTED]
	Automatic Transmission 8 Speed (M5X)
	Manual

No TIS Connection Available

Enter

GDS 2 - 20.2.01300 [REDACTED] 2016 GMC, Santa Vehicle Diagnostics

Type here to search


12.3 V [REDACTED]

12:18 PM 10/24/2018

Radio Type - Please select a Radio Type

Radio (IO3)
Radio (IOB)
Uplevel (IO4 IO5 IO6)

No TS Connection Available

 Enter

Headlamp Type - Please select a Headlamp Type

Halogen (T4A TT4)
High Intensity Discharge (T4F TT2 TT6 TT7 TT8)
Light Emitting Diode (T4L)

No TS Connection Available

Enter

Type text here

GDS 2

HVAC Control Module Type - Please select a Heating Ventilation and Air Conditioning Control Module ...

Auto Control Dual Zone (C12)
Manual Control Heater Only (C42)
Manual Control Single Zone (C67)

No TIS Connection Available

Enter

Read Vehicle Wide DTC and ID Information

DTC Summary

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
✓	Engine Control Module	No DTCs Stored	0	6,14
✓	Chassis Control Module	No DTCs Stored	0	6,14
✓	Transmission Control Module	No DTCs Stored	0	6,14
✓	Transfer Case Control Module	No DTCs Stored	0	6,14
✗	Distance Sensing Cruise Control Module	No Communication		6,14
✓	Electronic Brake Control Module	No DTCs Stored	0	6,14
✗	Parking Brake Control Module	No Communication		6,14
✓	Power Steering Control Module	No DTCs Stored	0	6,14
✓	Steering Wheel Angle Sensor Module	No DTCs Stored	0	12,13
✗	Suspension Control Module	No Communication		6,14
✓	Body Control Module	No DTCs Stored	0	6,14
✓	Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
✓	Passenger Presence Module	No DTCs Stored	0	1
✓	Instrument Cluster	No DTCs Stored	0	1
✓	Radio Controls	No DTCs Stored	0	1
✓	HVAC Controls	No DTCs Stored	0	1
✓	Radio	No DTCs Stored	0	1
✗	Amplifier	No Communication		1
✗	Media Disc Player	No Communication		1
⚠	Human Machine Interface Control Module	Requesting DTCs		6,14
💡	Telematics Communication Interface Control Module	Waiting For Data...		6,14

Navigation bar with buttons: Back, Contact Us, and other utility icons.

Read Vehicle Wide DTC and ID Information

DTC Summary

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Distance Sensing Cruise Control Module	No Communication		6.14
	Electronic Brake Control Module	No DTCs Stored	0	6.14
	Parking Brake Control Module	No Communication		6.14
	Power Steering Control Module	No DTCs Stored	0	6.14
	Steering Wheel Angle Sensor Module	No DTCs Stored	0	12.13
	Suspension Control Module	No Communication		6.14
	Body Control Module	No DTCs Stored	0	6.14
	Inflatable Restraint Sensing and Diagnostic Module	No DTCs Stored	0	1
	Passenger Presence Module	No DTCs Stored	0	1
	Instrument Cluster	No DTCs Stored	0	1
	Radio Controls	No DTCs Stored	0	1
	HVAC Controls	No DTCs Stored	0	1
	Radio	No DTCs Stored	0	1
	Amplifier	No Communication		1
	Media Disc Player	No Communication		1
	Human Machine Interface Control Module	No DTCs Stored	0	6.14
	Telematics Communication Interface Control Module	No DTCs Stored	0	6.14
	HVAC Control Module	No DTCs Stored	0	1
	Seat Memory Control Module - Driver	No Communication		1
	Assist Step Control Module	No Communication		1
	Parking Assist Control Module	No Communication		1

Navigation bar with buttons: Back, Contact Us, Home, Vehicle Menu, and a green status indicator.



Global Diagnostic System 2

Read Vehicle Wide DTC and ID Information

Overview

Vehicle Identification Number (VIN)	1GTV2MEC3G2...
Report Creation Date	2018-10-24 12:21:32 EDT

Vehicle Configuration Property

Make	GMC
Model	Sierra
Model Year	2018
Headlamp Type	High Intensity Discharge (T4F TT2 TT6 TT7 TT8)
Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped

Chassis Control Module Version	0401
Passenger Presence System Version	Passenger Presence System (AL0)
Radio Type	Uplevel (IO4 IO5 IO6)
Telematics Communication Interface Control Module Version	10
Transmission Type	Automatic Transmission 6 Speed (MYC)
Seat Memory Control Module Version	Not Equipped
HVAC Control Module Type	Auto Control Dual Zone (CJ2)
Transfer Case Control Module Version	Transfer Case, Two Speed, Switch Activated (NQH)
Engine Identifier	5.3L (L83)

System Information Property

VCI Serial Number	MDI-22143901
Vehicle Session Creation Date	2018-10-24 12:16:19
Test Start Time	2018-10-24 12:19:45 EDT

Engine Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3G2...
End Model Part Number	12673195
Base Model Part Number	12672527
Software Module 1 Identifier	12672612
Software Module 2 Identifier	12666199
Software Module 3 Identifier	12665605
Software Module 4 Identifier	12666252
Software Module 5 Identifier	12677682

C:\Users\GMC\AppData\Local\Temp\GDS 2\Data Display_1GTV2MEC3GZ[REDACTED]10/24/2018 12:22:23.html

Read Vehicle Wide DTC and ...

File Edit View Favorites Tools Help

CDR Software Downloads ... TIS2Web Owner Center Home Service Information

Page Safety Tools

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3GZ [REDACTED]
End Model Part Number	12873195
Base Model Part Number	12672527
Software Module 1 Identifier	12672612
Software Module 2 Identifier	12666199
Software Module 3 Identifier	12665605
Software Module 4 Identifier	12666252
Software Module 5 Identifier	12670683
Software Module 6 Identifier	12670661
Software Module 7 Identifier	12653630
Software Module 8 Identifier	12659034

No DTCs Stored

Chassis Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3GZ [REDACTED]
Subscriber ID	PCFWSTN#49
Date Programmed	20160705
Diagnostic Data Identifier	0401
Base Model Part Number	84012573
End Model Part Number	84012572
Software Module 1 Identifier	23197444
Software Module 2 Identifier	23418991

Type here to search

12:22 PM 10/24/2018

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Read Vehicle Wide DTC and ...

File Edit View Favorites Tools Help

CDR Software Downloads TIS2Web Owner Center Home Service Information

Subscriber ID	PCFWSTN#49
Date Programmed	20160705
Diagnostic Data Identifier	0401
Base Model Part Number	84012573
End Model Part Number	84012572
Software Module 1 Identifier	23197444
Software Module 2 Identifier	23438991
Software Module 3 Identifier	23438994
Software Module 4 Identifier	23439008
Software Module 5 Identifier	23439011
System Code	04

No DTCs Stored

Transmission Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3G2[REDACTED]
Date Programmed	20170309
Diagnostic Data Identifier	0
End Model Part Number	24275873
Base Model Part Number	24239352
Software Module 1 Identifier	24270599
Software Module 1 Identifier Alpha Code	AA
Software Module 2 Identifier	24274145
Software Module 2 Identifier Alpha Code	AD
Software Module 3 Identifier	24274153

Type here to search

12:22 PM 10/24/2018

Software Module 2 Identifier	24274145
Software Module 2 Identifier Alpha Code	AD
Software Module 3 Identifier	24274153
Software Module 3 Identifier Alpha Code	AB
Software Module 4 Identifier	24274155
Software Module 4 Identifier Alpha Code	AB
System Code	0

No DTCs Stored

Transfer Case Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3G2 [REDACTED]
Diagnostic Data Identifier	0306
Software Part Number	23285502
Calibration Part Number	23285505
End Model Part Number	84047227
Base Model Part Number	84047228
Hardware Version	A1yyy

No DTCs Stored

Distance Sensing Cruise Control Module

No Communication

Electronic Brake Control Module

Read Vehicle Wide DTC and ...

File Edit View Favorites Tools Help

CDE Software Downloads TIS2Web Owner Center Home Service Information

Diagnostic Data Identifier	0306
Software Part Number	23285502
Calibration Part Number	23285505
End Model Part Number	84047227
Base Model Part Number	84047228
Hardware Version	A1yyy

No DTCs Stored

Distance Sensing Cruise Control Module

No Communication

Electronic Brake Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3GZ [REDACTED]
Subscriber ID	PCFWSTN#49
Date Programmed	Tuesday, July 5, 2016
Diagnostic Data Identifier	2B03
XML Configuration Compatibility Identifier	261
XML Data File Part Number	23223279
XML Data File Alpha Code	DA
Previous Subscriber ID	YYYYYYYYYY
2nd Previous Subscriber ID	
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	1116168S4G6G01C7

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Read Vehicle Wide DTC and ...

File Edit View Favorites Tools Help

CDR Software Downloads TIS2Web Owner Center Home Service Information

2nd Previous Subscriber ID	
Manufacturer Enable Counter	0
Manufacturer's Traceability Number	1116168S4G6G01C7
Module Diagnostic Address	28
End Model Part Number	23388971
Base Model Part Number	23388991
End Model Part Number Alpha Code	DA
Base Model Part Number Alpha Code	DA
Boot Software Part Number	23115283
Software Part Number Alpha Code	CA
Software Module 1 Identifier	23389011
Software Module 1 Identifier Alpha Code	DA
Software Module 2 Identifier	23389007
Software Module 2 Identifier Alpha Code	DA
Software Module 3 Identifier	23232445
Software Module 3 Identifier Alpha Code	CA
Software Module 4 Identifier	
Software Module 4 Identifier Alpha Code	
Software Module 5 Identifier	
Software Module 5 Identifier Alpha Code	
Software Module 6 Identifier	
Software Module 6 Identifier Alpha Code	
Software Module 7 Identifier	
Software Module 7 Identifier Alpha Code	
Software Module 8 Identifier	
Software Module 8 Identifier Alpha Code	

100%

Type here to search

12:23 PM 10/24/2018

Software Module 7 Identifier Alpha Code	
Software Module 8 Identifier	
Software Module 8 Identifier Alpha Code	
GMLAN Identification Data - Bus 1 Type	High Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	80000
GMLAN Identification Data - Bus 2 Type	Chassis Expansion CAN Bus
GMLAN Identification Data - GMLAN Kernel 2 Version	300
GMLAN Identification Data - Data Dictionary 2 Version	80000
System Code	2B

No DTCs Stored

Parking Brake Control Module

No Communication

Power Steering Control Module

Identification Information	Value
System Identification	NEXTR0300
System Name or Engine Type	RACK-EPS
Subscriber ID	PCFWSTN#49
Date Programmed	Tuesday, July 5, 2016
Diagnostic Data Identifier	901
Manufacturer Enable Counter	0
Module Diagnostic Address	31

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Read Vehicle Wide DTC and ...

File Edit View Favorites Tools Help

CDR Software Downloads TIS2Web Owner Center Home Service Information

System Name or Engine Type	RACK-EPS
Subscriber ID	PCFWSTN#49
Date Programmed	Tuesday, July 5, 2016
Diagnostic Data Identifier	901
Manufacturer Enable Counter	0
Module Diagnostic Address	31
Manufacturer's Traceability Number	A116183061754588
Software Module 1 Identifier	23373707
Software Module 2 Identifier	23373715
Software Module 3 Identifier	23341135
End Model Part Number	23373708
Base Model Part Number	23335625
Software Module 1 Identifier Alpha Code	AA
Software Module 2 Identifier Alpha Code	AA
End Model Part Number Alpha Code	AA
Base Model Part Number Alpha Code	AA
Boot Software Part Number	23341132

No DTCs Stored

Steering Wheel Angle Sensor Module

Identification Information	Value
Diagnostic Data Identifier	501
Manufacturer's Traceability Number	3216155615504190
Module Diagnostic Address	34
End Model Part Number	11500700

Type here to search

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Steering Wheel Angle Sensor Module

Identification Information	Value
Diagnostic Data Identifier	501
Manufacturer's Traceability Number	3216155615504190
Module Diagnostic Address	34
End Model Part Number	13590209
End Model Part Number Alpha Code	CD
GMLAN Identification Data - Bus 1 Type	Chassis Expansion CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	300
GMLAN Identification Data - Data Dictionary 1 Version	50202

No DTCs Stored

Suspension Control Module

No Communication

Body Control Module

Identification Information	Value
End Model Part Number	13510531
Boot Software Part Number	13586286
Manufacturer Enable Counter	0
Calibration Part Number 1	13510534
Calibration Part Number 2	84029835
Calibration Part Number 3	84047907
Calibration Part Number 4	23220144

Calibration Part Number 5	84061279
Calibration Part Number 6	84041370
Calibration Part Number 7	84020134
Calibration Part Number 8	84029842
Calibration Part Number 9	23224169
Calibration Part Number 10	23224029
Calibration Part Number 11	84074330
Calibration Part Number 12	23268668
Calibration Part Number 13	13338869
Calibration Part Number 14	23193183
Calibration Part Number 15	13505711
Calibration Part Number 16	13505709
Calibration Part Number 17	13505710
Calibration Part Number 18	13505707
Calibration Part Number 19	13505708
Calibration Part Number 20	84029864
Diagnostic Data Identifier	403
Module Diagnostic Address	40
Vehicle Identification Number (VIN)	1GTV2MEC3GZ...
Odometer	35525

No DTCs Stored

Inflatable Restraint Sensing and Diagnostic Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3GZ...

Odometer 35525

No DTCs Stored

Inflatable Restraint Sensing and Diagnostic Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3GZ [REDACTED]
End Model Part Number	13504402
Base Model Part Number	13500210
Manufacturer's Traceability Number	K1101813M2DQ5Q00
Inflatable Restraint Sensing and Diagnostic Module Primary Key	9730
Software Part Number	13518038
Calibration Part Number 1	84210730
Calibration Part Number 2	23207234
Diagnostic Data Identifier	0B11
Software Module 1 Identifier	0
Software Module 2 Identifier	0
High Voltage Disable Requested - Crash Event Detected	No
Transmitting Acceleration Sensor Reading on Bus	Enabled

No DTCs Stored

Passenger Presence Module

Identification Information	Value
End Model Part Number	23133881
Base Model Part Number	23133881

No DTCs Stored

Passenger Presence Module

Identification Information	Value
End Model Part Number	23133681
Base Model Part Number	23133681
Manufacturer's Traceability Number	BR3681S164612Y4G
Software Part Number	23133762
Calibration Part Number 1	23133682

No DTCs Stored

Instrument Cluster

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3G2 [REDACTED]
Odometer	35525
Subscriber ID	PCFWSTN#49
Previous Subscriber ID	YYYYYYYY
2nd Previous Subscriber ID	
Date Programmed	Tuesday, July 5, 2016
Diagnostic Data Identifier	1084
XML Configuration Compatibility Identifier	16
XML Data File Part Number	84022103
XML Data File Alpha Code	EZ
Manufacturer Enable Counter	0

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Read Vehicle Wide DTC and ...

File Edit View Favorites Tools Help

CDR Software Downloads TIS2Web Owner Center Home Service Information

Module Diagnostic Address	60
End Model Part Number	84026902
Base Model Part Number	22761824
Software Module 1 Identifier	84026891
Software Module 2 Identifier	
Software Module 3 Identifier	
Software Module 4 Identifier	
Software Module 5 Identifier	84022189
Software Module 6 Identifier	23429803
Software Module 7 Identifier	23429807
Software Module 8 Identifier	23429811
Software Module 9 Identifier	23429815
Software Module 10 Identifier	23429819
Software Module 12 Identifier	84026889
Software Module 13 Identifier	23429823
Software Module 14 Identifier	23429824
Software Module 15 Identifier	23349023
Software Module 16 Identifier	0
GMLAN Identification Data - Bus 1 Type	Low Speed CAN Bus
GMLAN Identification Data - GMLAN Kernel 1 Version	301
GMLAN Identification Data - Data Dictionary 1 Version	80407
System Code	10
Calibration Part Number 12	
Manufacturer's Traceability Number	1116158AJUJ2PR30
Steering Wheel Control Switches Part Number	23262277
Head-Up Display Part Number	

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12:23 PM 10/24/2018

No DTCs Stored

Radio Controls

Identification Information	Value
Boot Software Part Number	23118301
Calibration Part Number 1	23118285
Calibration Part Number 2	
Calibration Part Number 3	
End Model Part Number	23383729
Base Model Part Number	23383729

No DTCs Stored

HVAC Controls

Identification Information	Value
Boot Software Part Number	22884779
Calibration Part Number 1	22884774
Calibration Part Number 2	
Calibration Part Number 3	
Diagnostic Data Identifier	FFFF
End Model Part Number	23486616
Base Model Part Number	23486616
Date Programmed	0
Subscriber ID	0000000000
Previous Subscriber ID	0000000000

Identification Information	Value
End Model Part Number	84062056
Boot Software Part Number	287454020
Software Module 1 Identifier	84062077
Software Module 2 Identifier	23406046
Software Module 3 Identifier	23345988
Software Module 4 Identifier	84106846
Software Module 5 Identifier	23177599
Software Module 6 Identifier	23345468
Software Module 7 Identifier	84173383
Software Module 8 Identifier	23177619
Software Module 9 Identifier	23177622
Software Module 10 Identifier	23177634
Software Module 11 Identifier	23177638
Digital Radio Receiver ID	T3QWL3MR
DVD Region Code	
DVD Region Code Changes Remaining	
Manufacturer Enable Counter	0
VIN Digits 2-17	GTV2MEC3GZ356300
Diagnostic Data Identifier	B02
Manufacturer's Traceability Number	M116174MN6061250

No DTCs Stored

Amplifier

No Communication

Media Disc Player

No Communication

Human Machine Interface Control Module

Identification Information	Value
WLAN Link Quality	
App 1 Identifier	
App 1 Version	
App 2 Identifier	
App 2 Version	
App 3 Identifier	
App 3 Version	
App 4 Identifier	
App 4 Version	
App 5 Identifier	
App 5 Version	
App 6 Identifier	
App 6 Version	
App 7 Identifier	
App 7 Version	
App 8 Identifier	
App 8 Version	

No DTCs Stored

GSM Network Code	28672
Manufacturer	LG
Manufacturer's Traceability Number	[REDACTED]
Mobile Directory Number	[REDACTED]
Mobile Identification Number	[REDACTED]
Mobile Equipment Identifier	[REDACTED]
Module Generation Identifier	10
Off-Board Navigation	Enabled
OnStar Customer Identifier	113589418
Option Configuration	On
Preferred Roaming List Version Number	90F5A0D6
Remote Vehicle Speed Limiting	Active
Software Module 1 Identifier	354235
Software Module 1 Identifier Alpha Code	5B5
Integrated Circuit Card Identifier	8901170227106167490
Utility File Part Number	23406250

No DTCs Stored

HVAC Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3GZ[REDACTED]
Date Programmed	Tuesday, July 5, 2016
Diagnostic Data Identifier	50A
End Model Part Number	13506229
Base Model Part Number	13506229

Utility File Part Number 23406250

No DTCs Stored

HVAC Control Module

Identification Information	Value
Vehicle Identification Number (VIN)	1GTV2MEC3G2 [REDACTED]
Date Programmed	Tuesday, July 5, 2016
Diagnostic Data Identifier	50A
End Model Part Number	13506229
Base Model Part Number	13506229
Software Module 1 Identifier	13506225
Software Module 2 Identifier	23179902
Software Module 3 Identifier	23179889

No DTCs Stored

Seat Memory Control Module - Driver

No Communication

Assist Step Control Module

No Communication

Parking Assist Control Module

No Communication

- Module Diagnostics
- Vehicle Diagnostics
- System Diagnostics
- Session Manager

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

Exit Contact Us Home Vehicle Name Enter

GDS 2 v.20.Z01300 GM Global v2018-9.3 VIN: 1GTV2MEC3G 2016.GMC.Sierra

12.8 V [System Icons]

- [K20] Engine Control Module
- [K103] Fuel Injector Control Module
- [K38] Chassis Control Module
- [K34] Glow Plug Control Module
- Hybrid Powertrain Control Module
- Hybrid Powertrain Control Module 2
- [K71] Transmission Control Module
- [K44] Power Take-Off Control Module
- [K69] Transfer Case Control Module
- [K14] Distance Sensing Cruise Control Module
- [K17] Electronic Brake Control Module
- [K83] Parking Brake Control Module
- [K43] Power Steering Control Module
- [K2501] Electric Motor Control Module

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

Module Diagnostics

Back
Contact Us
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Vehicle Menu
Enter

- Diagnostic Trouble Codes (DTC)
- Event Information
- Identification Information
- Data Display
- Control Functions
- Configuration/Reset Functions
- Inspection/Maintenance System Information

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

Module Diagnostics

Engine Control Module

Back Contact Us Home Vehicle Menu Enter

- DTC Display**
- Specific DTC
- Diagnostic Test Status: This Ignition Cycle
- Diagnostic Test Status: Since DTC Clear
- Freeze Frame/Failure Records

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

- Navigation Path
- Module Diagnostics
 - Engine Control Module
 - Diagnostic Trouble Codes (DTC)

Back Contact Us Home Vehicle Menu Enter

DTC Display

Create Report

Add Bookmark

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Engine Control Module	No DTCs Stored	0	6.14

Control Module	DTC	Symptom Byte	Description	Symptom Description	Status
----------------	-----	--------------	-------------	---------------------	--------

Category	Decoded Value
----------	---------------

Clear DTCs

Refresh

Back

Contact Us

Home

Vehicle Menu

Done

- DTC Display
- Specific DTC
- Diagnostic Test Status: This Ignition Cycle
- Diagnostic Test Status: Since DTC Clear
- Freeze Frame/Failure Records**

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path
Module Diagnostics
Engine Control Module
Diagnostic Trouble Codes (DTC)

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No Freeze Frame/Failure Records

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GDS 2 v.20.Z.01300 GM Global v2018-93 VIN: 1GTV2MEC3G [REDACTED] 2016.GMC.Sierra.Module Diagnostics Engine Control Module Diagnostic Trouble Codes (DTC) MDI [REDACTED] 12.8 V

- Diagnostic Trouble Codes (DTC)
- Event Information
- Identification Information
- Data Display**
- Control Functions
- Configuration/Reset Functions
- Inspection/Maintenance System Information

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

Module Diagnostics

Engine Control Module

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Select Data List

Engine Data

- Automatic Transmission Data
- CMP Actuator Data
- Engine Cooling and HVAC Data
- Combustion Control System Data
- Cruise Control, PTO and Traction Control Data
- Cylinder Deactivation Data
- Electrical and Immobilizer Data
- Engine Mechanical Data
- Engine Position Data
- Engine Speed Control Data
- EVAP Data
- Exhaust Aftertreatment Data

Exhaust Aftertreatment Data



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Data Display

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Engine Data



Parameter Name	Value	Unit	Control Module
Engine Speed	557	RPM	Engine Control Module
Desired Idle Speed	544	RPM	Engine Control Module
ECT Sensor	81	°C	Engine Control Module
IAT Sensor 1	15	°C	Engine Control Module
IAT Sensor 2	27	°C	Engine Control Module
Ambient Air Temperature	10	°C	Engine Control Module
Cold Start-Up	No		Engine Control Module
MAF Sensor	4.27	g/s	Engine Control Module
Engine Load	12.6	%	Engine Control Module
Accelerator Pedal Position	0	%	Engine Control Module
Throttle Position	5	%	Engine Control Module
MAP Sensor	29.0	kPa	Engine Control Module
MAP Sensor	1.16	V	Engine Control Module
Intake Manifold Pressure	30	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.90	V	Engine Control Module
Calculated BARO	98	kPa	Engine Control Module

Engine Control Module



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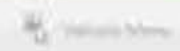
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Engine Data



Parameter Name	Value	Unit	Control Module
Engine Speed	549	RPM	Engine Control Module
Desired Idle Speed	544	RPM	Engine Control Module
ECT Sensor	91	°C	Engine Control Module
IAT Sensor 1	15	°C	Engine Control Module
IAT Sensor 2	27	°C	Engine Control Module
Ambient Air Temperature	10	°C	Engine Control Module
Cold Start-Up	No		Engine Control Module
MAF Sensor	4.15	g/s	Engine Control Module
Engine Load	12.2	%	Engine Control Module
Accelerator Pedal Position	0	%	Engine Control Module
Throttle Position	5	%	Engine Control Module
MAP Sensor	29.0	kPa	Engine Control Module
MAP Sensor	1.54	V	Engine Control Module
Intake Manifold Pressure	30	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.90	V	Engine Control Module
Calculated BARO	99	kPa	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Calculated AFR	99	AFR	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Closed		Engine Control Module
Injector Duty Cycle Bank 1	1.08	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.08	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.54	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.79	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.07	V	Engine Control Module
HO2S Bank 2 Sensor 2	0.77	V	Engine Control Module
Short Term Fuel Trim Bank 1	-1	%	Engine Control Module
Short Term Fuel Trim Bank 2	-1	%	Engine Control Module
Long Term Fuel Trim Bank 1	6	%	Engine Control Module
Long Term Fuel Trim Bank 2	6	%	Engine Control Module
Fuel Trim Memory Cell	6		Engine Control Module
Power Enrichment	Inactive		Engine Control Module
Deceleration Fuel Cut-Off	Inactive		Engine Control Module
Fuel Economy	1.5	Ltr	Engine Control Module

Engine Control Module





Parameter Name	Value	Unit	Control Module
Calculated BARO	99	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Closed		Engine Control Module
Injector Duty Cycle Bank 1	1.16	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.19	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.07	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.78	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.11	V	Engine Control Module
HO2S Bank 2 Sensor 2	0.77	V	Engine Control Module
Short Term Fuel Trim Bank 1	-1	%	Engine Control Module
Short Term Fuel Trim Bank 2	0	%	Engine Control Module
Long Term Fuel Trim Bank 1	6	%	Engine Control Module
Long Term Fuel Trim Bank 2	8	%	Engine Control Module
Fuel Trim Memory Cell	6		Engine Control Module
Power Enrichment	Inactive		Engine Control Module
Deceleration Fuel Cut Off	Inactive		Engine Control Module
Fuel Economy	1.0	Ltr	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Deceleration Fuel Cut Off	Inactive		Engine Control Module
Fuel Economy	1.5	L/h	Engine Control Module
EVAP Purge Solenoid Valve Command	20	%	Engine Control Module
EVAP Vent Solenoid Valve Command	Venting		Engine Control Module
Fuel Tank Pressure Sensor	-0.44	in. H2O	Engine Control Module
Remaining Fuel in Tank	91.0	%	Engine Control Module
Ignition Timing	13.5	°	Engine Control Module
Power Mode	Run		Engine Control Module
Ignition 1 Signal	12.77	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	12.7	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Deceleration Fuel Cut-Off	Inactive		Engine Control Module
Fuel Economy	1.5	L/h	Engine Control Module
EVAP Purge Solenoid Valve Command	20	%	Engine Control Module
EVAP Vent Solenoid Valve Command	Venting		Engine Control Module
Fuel Tank Pressure Sensor	0.44	in. H2O	Engine Control Module
Remaining Fuel in Tank	91.0	%	Engine Control Module
Ignition Timing	12.5	°	Engine Control Module
Power Mode	Run		Engine Control Module
Ignition 1 Signal	12.77	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	12.6	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Fuel Pressure Sensor	405	kPa	Engine Control Module
Fuel Alcohol Content	30	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	204.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	304	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Fuel Pressure Sensor	390	kPa	Engine Control Module
Fuel Alcohol Content	30	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	216.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	318	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test (Block)	Not Run		Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Brake Pedal Position Sensor	1	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	196.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	290	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module
Warm-Ups Since DTC Cleared	255	Counts	Engine Control Module
Warm-Ups without Emission Malfunctions	255	Counts	Engine Control Module
Warm-Ups without Non-Emission Malfunctions	255	Counts	Engine Control Module
Distance Since DTC Cleared	25600	km	Engine Control Module
Engine Run Time	00:32:08		Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Brake Pedal Position Sensor	1	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	300.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	300	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module
Warm-Ups Since DTC Cleared	255	Counts	Engine Control Module
Warm-Ups without Emission Malfunctions	255	Counts	Engine Control Module
Warm-Ups without Non-Emission Malfunctions	255	Counts	Engine Control Module
Distance Since DTC Cleared	25600	km	Engine Control Module
Engine Run Time	00:02:10		Engine Control Module



Data Display

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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	209	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	1	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	196.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	298	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



Data Display

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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	37.2	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Applied		Engine Control Module
Brake Pedal Position Sensor	51	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	232.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	332	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	284	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	216.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	316	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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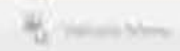
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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	38.7	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Applied		Engine Control Module
Brake Pedal Position Sensor	58	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	212.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	312	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	41.2	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	204.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	304	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	38.7	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Applied		Engine Control Module
Brake Pedal Position Sensor	58	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	212.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	312	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	40.8	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	200.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	300	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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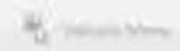
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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	40.8	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Applied		Engine Control Module
Brake Pedal Position Sensor	87	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	208.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	308	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	28.1	MPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	220.00	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	32.0	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



Data Display

Create Report

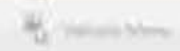
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Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Pressure Sensor	299	kPa	Engine Control Module
Fuel Alcohol Content	10	%	Engine Control Module
Fuel Pressure Regulator High Control Circuit Command	21	%	Engine Control Module
Fuel Pump Enable Command	On		Engine Control Module
Park/Neutral Position Switch	Park/Neutral		Engine Control Module
Brake Pedal Position Sensor Signal	Applied		Engine Control Module
Brake Pedal Position Sensor	87	%	Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Engine Oil Pressure	22000	kPa	Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	320	kPa	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage Test Status	OK		Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Tank Pressure Sensor	0.15	in. H2O	Engine Control Module
Remaining Fuel in Tank	90.8	%	Engine Control Module
Ignition Timing	22.0	°	Engine Control Module
Power Mode	Off		Engine Control Module
Ignition 1 Signal	0.00	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	12.6	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	Malfunction		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Fuel Pressure Sensor	483	kPa	Engine Control Module
Fuel Alcohol Content	10	%	Fueline Control Module



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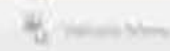
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Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Tank Pressure Sensor	0.14	in. H2O	Engine Control Module
Remaining Fuel in Tank	90.8	%	Engine Control Module
Ignition Timing	22.0	°	Engine Control Module
Power Mode	Accessory		Engine Control Module
Ignition 1 Signal	0.00	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	Off		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	0.3	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	Malfunction		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Fuel Pressure Sensor	489	kPa	Engine Control Module
Fuel Alcohol Content	0	%	Fueline Control Module



Data Display

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Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Tank Pressure Sensor	0.15	in. H2O	Engine Control Module
Remaining Fuel in Tank	91.0	%	Engine Control Module
Ignition Timing	22.0	°	Engine Control Module
Power Mode	Run		Engine Control Module
Ignition 1 Signal	12.53	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	12.4	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	On		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
MIL Control Circuit Open Test Status	Not Run		Engine Control Module
MIL Control Circuit High Voltage Test Status	OK		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Fuel Pressure Sensor	492	kPa	Engine Control Module
Fuel Alcohol Content	10	%	Fueline Control Module



Data Display

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Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Tank Pressure Sensor	0.15	in. H2O	Engine Control Module
Remaining Fuel in Tank	90.2	%	Engine Control Module
Ignition Timing	22.0	°	Engine Control Module
Power Mode	Crank Request		Engine Control Module
Ignition 1 Signal	9.28	V	Engine Control Module
Ignition Accessory Signal	Off		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	8.8	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	On		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
MIL Control Circuit Open Test Status	Not Run		Engine Control Module
MIL Control Circuit High Voltage Test Status	OK		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Fuel Pressure Sensor	490	kPa	Engine Control Module
Fuel Alcohol Content	0	%	Fueline Control Module



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Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
Fuel Tank Pressure Sensor	0.15	in. H2O	Engine Control Module
Remaining Fuel in Tank	90.8	%	Engine Control Module
Ignition Timing	12.0	°	Engine Control Module
Power Mode	Run		Engine Control Module
Ignition 1 Signal	14.39	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	14.3	V	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Requested by DTC	No		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Fuel Pressure Sensor	301	kPa	Engine Control Module
Fuel Alcohol Content	0	%	Fueline Control Module



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Diagnostic Data Display | Graphical Data Display | Line Graph | OTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
MAF Sensor	4.24	g/s	Engine Control Module
Engine Load	12.6	%	Engine Control Module
Accelerator Pedal Position	0	%	Engine Control Module
Throttle Position	5	%	Engine Control Module
MAP Sensor	29.0	kPa	Engine Control Module
MAP Sensor	1.18	V	Engine Control Module
Intake Manifold Pressure	30	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.88	V	Engine Control Module
Calculated BARO	96	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Closed		Engine Control Module
Injector Duty Cycle Bank 1	1.20	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.21	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.08	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.79	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.08	V	Engine Control Module



Data Display

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Diagnostic Data Display | Graphical Data Display | Line Graph | OTC Display

Engine Data



Parameter Name	Value	Unit	Control Module
MAF Sensor	0.00	g/s	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Accelerator Pedal Position	25	%	Engine Control Module
Throttle Position	23	%	Engine Control Module
MAP Sensor	101.0	kPa	Engine Control Module
MAP Sensor	3.54	V	Engine Control Module
Intake Manifold Pressure	101	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.88	V	Engine Control Module
Calculated BARO	100	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Open		Engine Control Module
Injector Duty Cycle Bank 1	1.23	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.10	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.02	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.84	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.02	V	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
MAF Sensor	0.00	g/s	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Accelerator Pedal Position	30	%	Engine Control Module
Throttle Position	27	%	Engine Control Module
MAP Sensor	101.0	kPa	Engine Control Module
MAP Sensor	3.54	V	Engine Control Module
Intake Manifold Pressure	101	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.50	V	Engine Control Module
Calculated BARO	100	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Open		Engine Control Module
Injector Duty Cycle Bank 1	1.23	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.10	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.03	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.91	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.03	V	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
MAF Sensor	0.00	g/s	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Accelerator Pedal Position	75	%	Engine Control Module
Throttle Position	27	%	Engine Control Module
MAP Sensor	101.0	kPa	Engine Control Module
MAP Sensor	3.54	V	Engine Control Module
Intake Manifold Pressure	101	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.88	V	Engine Control Module
Calculated BARO	100	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Open		Engine Control Module
Injector Duty Cycle Bank 1	1.23	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.10	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.04	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.93	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.04	V	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
MAF Sensor	0.00	g/s	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Accelerator Pedal Position	100	%	Engine Control Module
Throttle Position	27	%	Engine Control Module
MAP Sensor	101.0	kPa	Engine Control Module
MAP Sensor	3.54	V	Engine Control Module
Intake Manifold Pressure	101	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.90	V	Engine Control Module
Calculated BARO	100	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Open		Engine Control Module
Injector Duty Cycle Bank 1	1.23	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.10	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.04	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.95	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.05	V	Engine Control Module



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Engine Data



Parameter Name	Value	Unit	Control Module
MAF Sensor	0.00	g/s	Engine Control Module
Engine Load	0.0	%	Engine Control Module
Accelerator Pedal Position	0	%	Engine Control Module
Throttle Position	12	%	Engine Control Module
MAP Sensor	101.0	kPa	Engine Control Module
MAP Sensor	3.54	V	Engine Control Module
Intake Manifold Pressure	101	kPa	Engine Control Module
BARO	99.0	kPa	Engine Control Module
BARO Sensor	3.50	V	Engine Control Module
Calculated BARO	100	kPa	Engine Control Module
Air/Fuel Equivalence Ratio Command	1.00		Engine Control Module
Fuel Control Loop Status	Open		Engine Control Module
Injector Duty Cycle Bank 1	1.23	ms	Engine Control Module
Injector Duty Cycle Bank 2	1.10	ms	Engine Control Module
HO2S Bank 1 Sensor 1	0.05	V	Engine Control Module
HO2S Bank 1 Sensor 2	0.98	V	Engine Control Module
HO2S Bank 2 Sensor 1	0.05	V	Engine Control Module



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Default Sorting Order



High: 100
0
Low: 0



High: 100
12
Low: 0



High: 250.0
255



GDS 2 v.20.Z.01300 GM Global v2018-9-3 VIN: 1GTV2MEC3G 2016.GMC.Siena.Module Diagnostics Engine Control Module

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Select Data List

Exhaust Aftertreatment Data

Engine Mechanical Data

Engine Position Data

Engine Speed Control Data

EVAP Data

Exhaust Aftertreatment Data

Fuel Injector Data

Fuel System Data

Fuel Trim Data

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Instrument Cluster Data



Parameter Name	Value	Unit	Control Module
Ignition 1 Signal	14.81	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module
Engine Speed	549	RPm	Engine Control Module
ECT Sensor	92	°C	Engine Control Module
Remaining Fuel in Tank	90.8	%	Engine Control Module
Remaining Fuel in Tank	88	L	Engine Control Module
Fuel Level Sensor	0.96	V	Engine Control Module
Fuel Economy	1.5	L/h	Engine Control Module
Engine Oil Pressure	208.00	kPa	Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	308	kPa	Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Low Engine Oil Pressure Indicator Command	Off		Engine Control Module
Engine Oil Life Remaining	94	%	Engine Control Module



Data Display

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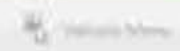
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Instrument Cluster Data



Parameter Name	Value	Unit	Control Module
Ignition 1 Signal	14.84	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module
Engine Speed	336	RPm	Engine Control Module
ECT Sensor	92	°C	Engine Control Module
Remaining Fuel in Tank	90.8	%	Engine Control Module
Remaining Fuel in Tank	88	L	Engine Control Module
Fuel Level Sensor	0.98	V	Engine Control Module
Fuel Economy	2.0	L/h	Engine Control Module
Engine Oil Pressure	216.00	kPa	Engine Control Module
Engine Oil Pressure Switch	OK		Engine Control Module
Engine Oil Level Switch	OK		Engine Control Module
Engine Oil Absolute Pressure Sensor	316	kPa	Engine Control Module
Engine Oil Pressure Control Test Counter	0	Counts	Engine Control Module
Engine Oil Pressure Control Solenoid Valve Command	On		Engine Control Module
Low Engine Oil Pressure Indicator Command	Off		Engine Control Module
Engine Oil Life Remaining	100	%	Engine Control Module



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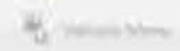
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Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

Instrument Cluster Data



Parameter Name	Value	Unit	Control Module
Engine Oil Life Remaining	94	%	Engine Control Module
Calculated Engine Oil Temperature	75	°C	Engine Control Module
Ambient Air Temperature	10	°C	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
Crankshaft Position Signal Output Circuit Low Voltage Test Status	OK		Engine Control Module
Crankshaft Position Signal Output Circuit Open Test Status	Not Run		Engine Control Module
Crankshaft Position Signal Output Circuit High Voltage Test Status	Not Run		Engine Control Module
Camshaft Position Signal Output Circuit Low Voltage Test Status	OK		Engine Control Module
Camshaft Position Signal Output Circuit Open Test Status	Not Run		Engine Control Module
Camshaft Position Signal Output Circuit High Voltage Test Status	Not Run		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Generator Indicator Command	Off		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Redundant Odometer Memory	Present		Engine Control Module



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Instrument Cluster Data



Parameter Name	Value	Unit	Control Module
Engine Oil Life Remaining	34	%	Engine Control Module
Calculated Engine Oil Temperature	75	°C	Engine Control Module
Ambient Air Temperature	10	°C	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
Crankshaft Position Signal Output Circuit Low Voltage Test Status	OK		Engine Control Module
Crankshaft Position Signal Output Circuit Open Test Status	Not Run		Engine Control Module
Crankshaft Position Signal Output Circuit High Voltage Test Status	Not Run		Engine Control Module
Camshaft Position Signal Output Circuit Low Voltage Test Status	OK		Engine Control Module
Camshaft Position Signal Output Circuit Open Test Status	Not Run		Engine Control Module
Camshaft Position Signal Output Circuit High Voltage Test Status	Not Run		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Generator Indicator Command	Off		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Redundant Odometer Memory	Present		Engine Control Module



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Instrument Cluster Data



Parameter Name	Value	Unit	Control Module
Calculated Engine Oil Temperature	75	°C	Engine Control Module
Ambient Air Temperature	10	°C	Engine Control Module
Reduced Engine Power History	None		Engine Control Module
Crankshaft Position Signal Output Circuit Low Voltage Test Status	OK		Engine Control Module
Crankshaft Position Signal Output Circuit Open Test Status	Not Run		Engine Control Module
Crankshaft Position Signal Output Circuit High Voltage Test Status	Not Run		Engine Control Module
Camshaft Position Signal Output Circuit Low Voltage Test Status	OK		Engine Control Module
Camshaft Position Signal Output Circuit Open Test Status	Not Run		Engine Control Module
Camshaft Position Signal Output Circuit High Voltage Test Status	Not Run		Engine Control Module
MIL Command	Off		Engine Control Module
MIL Control Circuit Low Voltage Test Status	OK		Engine Control Module
MIL Control Circuit Open Test Status	OK		Engine Control Module
MIL Control Circuit High Voltage Test Status	Not Run		Engine Control Module
Generator Indicator Command	Off		Engine Control Module
Cruise Control	Inactive		Engine Control Module
Redundant Odometer Memory	Present		Engine Control Module
Four-Wheel Engagement Feedback Switch	Disengaged		Engine Control Module



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ENGINE MECHANICAL DATA

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- Engine Speed Control Data
- EVAP Data
- Exhaust Aftertreatment Data
- Fuel Injector Data
- Fuel System Data
- Fuel Trim Data
- HO2S Data
- Ignition Data
- Induction Data
- Instrument Cluster Data
- Misfire Data

TAC Data

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Data Display

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Diagnostic Data Display | Graphical Data Display | Line Graph | OTC Display

TAC Data



Parameter Name	Value	Unit	Control Module
Reduced Engine Power	Inactive		Engine Control Module
Accelerator Pedal Position	0	%	Engine Control Module
APP Sensors	0	%	Engine Control Module
Desired Throttle Position	4	%	Engine Control Module
Throttle Position	3	%	Engine Control Module
APP Sensor 1 and 2	Agree		Engine Control Module
Throttle Position Sensors 1 and 2	Agree		Engine Control Module
APP Sensor 1	1.00	V	Engine Control Module
APP Sensor 2	0.48	V	Engine Control Module
APP Sensor 1 Position	0	%	Engine Control Module
APP Sensor 2 Position	0	%	Engine Control Module
APP Sensor 1 Learned Released Position	1.00	V	Engine Control Module
APP Sensor 2 Learned Released Position	0.49	V	Engine Control Module
APP Sensor 1 Learned Applied Position	78	%	Engine Control Module
APP Sensor 2 Learned Applied Position	78	%	Engine Control Module
Throttle Position Sensor 1	4.31	V	Engine Control Module
Throttle Position Sensor 2	0.69	V	Engine Control Module



Data Display

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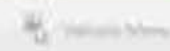
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Diagnostic Data Display | Graphical Data Display | Line Graph | OTC Display

TAC Data



Parameter Name	Value	Unit	Control Module
Reduced Engine Power	Inactive		Engine Control Module
Accelerator Pedal Position	0	%	Engine Control Module
APP Sensors	0	%	Engine Control Module
Desired Throttle Position	4	%	Engine Control Module
Throttle Position	3	%	Engine Control Module
APP Sensor 1 and 2	Agree		Engine Control Module
Throttle Position Sensors 1 and 2	Agree		Engine Control Module
APP Sensor 1	1.00	V	Engine Control Module
APP Sensor 2	0.48	V	Engine Control Module
APP Sensor 1 Position	0	%	Engine Control Module
APP Sensor 2 Position	0	%	Engine Control Module
APP Sensor 1 Learned Released Position	1.00	V	Engine Control Module
APP Sensor 2 Learned Released Position	0.49	V	Engine Control Module
APP Sensor 1 Learned Applied Position	78	%	Engine Control Module
APP Sensor 2 Learned Applied Position	78	%	Engine Control Module
Throttle Position Sensor 1	4.31	V	Engine Control Module
Throttle Position Sensor 2	0.99	V	Engine Control Module



Data Display

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TAC Data



Parameter Name	Value	Unit	Control Module
Throttle Position Sensor 1	4.31	V	Engine Control Module
Throttle Position Sensor 2	0.69	V	Engine Control Module
Throttle Position Sensor 1 Position	3	%	Engine Control Module
Throttle Position Sensor 2 Position	3	%	Engine Control Module
Throttle Position Sensor 1 Learned Minimum	0.51	V	Engine Control Module
Throttle Position Sensor 2 Learned Minimum	0.51	V	Engine Control Module
Throttle Body Idle Air Flow Compensation	30	%	Engine Control Module
APP Sensor 1 Circuit Status	OK		Engine Control Module
APP Sensor 2 Circuit Status	OK		Engine Control Module
SV Reference 1	3.01	V	Engine Control Module
SV Reference 2	3.01	V	Engine Control Module
SV Reference 3	3.01	V	Engine Control Module
SV Reference 4	3.01	V	Engine Control Module
SV Reference 1 Circuit Status	OK		Engine Control Module
SV Reference 2 Circuit Status	OK		Engine Control Module
SV Reference 3 Circuit Status	OK		Engine Control Module
SV Reference 4 Circuit Status	OK		Engine Control Module



Data Display

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TAC Data



Parameter Name	Value	Unit	Control Module
Throttle Position Sensor 1	4.31	V	Engine Control Module
Throttle Position Sensor 2	0.88	V	Engine Control Module
Throttle Position Sensor 1 Position	3	%	Engine Control Module
Throttle Position Sensor 2 Position	3	%	Engine Control Module
Throttle Position Sensor 1 Learned Minimum	0.51	V	Engine Control Module
Throttle Position Sensor 2 Learned Minimum	0.51	V	Engine Control Module
Throttle Body Idle Air Flow Compensation	30	%	Engine Control Module
APP Sensor 1 Circuit Status	OK		Engine Control Module
APP Sensor 2 Circuit Status	OK		Engine Control Module
SV Reference 1	3.01	V	Engine Control Module
SV Reference 2	3.01	V	Engine Control Module
SV Reference 3	3.01	V	Engine Control Module
SV Reference 4	3.01	V	Engine Control Module
SV Reference 1 Circuit Status	OK		Engine Control Module
SV Reference 2 Circuit Status	OK		Engine Control Module
SV Reference 3 Circuit Status	OK		Engine Control Module
SV Reference 4 Circuit Status	OK		Engine Control Module



Data Display

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TAC Data



Parameter Name	Value	Unit	Control Module
TV Reference & Circuit Status	OK		Engine Control Module
Throttle Position Performance Test	OK		Engine Control Module
MAP Performance Test 1	OK		Engine Control Module
MAP Performance Test 2	OK		Engine Control Module
MAP Performance Test	OK		Engine Control Module
TAC Motor	Enabled		Engine Control Module
TAC Forced Engine Shutdown	No		Engine Control Module
TAC Motor Command	22	%	Engine Control Module
Cruise Control	Inactive		Engine Control Module
Brake Pedal Position Circuit Signal	Released		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
Engine Speed	544	RPM	Engine Control Module
Desired Idle Speed	544	RPM	Engine Control Module
ECT Sensor	91	°C	Engine Control Module
IAT Sensor 1	17	°C	Engine Control Module
Calculated Air Flow	4.30	g/s	Engine Control Module

Engine Control Module



Data Display

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Diagnostic Data Display Graphical Data Display Line Graph DTC Display

TAC Data



Parameter Name	Value	Unit	Control Module
SV Reference 4 Circuit Status	OK		Engine Control Module
Throttle Position Performance Test	OK		Engine Control Module
MAP Performance Test 1	OK		Engine Control Module
MAP Performance Test 2	OK		Engine Control Module
MAF Performance Test	OK		Engine Control Module
TAC Motor	Enabled		Engine Control Module
TAC Forced Engine Shutdown	No		Engine Control Module
TAC Motor Command	22	%	Engine Control Module
Cruise Control	Inactive		Engine Control Module
Brake Pedal Position Circuit Signal	Released		Engine Control Module
Brake Pedal Position Sensor Signal	Released		Engine Control Module
Brake Pedal Position Sensor	0	%	Engine Control Module
Engine Speed	542	RPM	Engine Control Module
Desired Idle Speed	544	RPM	Engine Control Module
ECT Sensor	81	°C	Engine Control Module
INT Sensor 1	17	°C	Engine Control Module
Calculated Air Flow	441	g/s	Engine Control Module



Data Display

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TAC Data



Parameter Name	Value	Unit	Control Module
IAT Sensor 1	17	°C	Engine Control Module
Calculated Air Flow	431	g/v	Engine Control Module
MAF Sensor	409	g/v	Engine Control Module
MAP Sensor	29.0	kPa	Engine Control Module
Intake Manifold Pressure	29	kPa	Engine Control Module
Engine Load	11.8	%	Engine Control Module
Ignition 1 Signal	14.42	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	14.2	V	Engine Control Module
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	OK		Engine Control Module
A/C Compressor Operation	Allowed		Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Traction Control Status	Inactive		Engine Control Module
Engine Drag Control Status	Inactive		Engine Control Module



Data Display

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TAC Data



Parameter Name	Value	Unit	Control Module
IAT Sensor 1	17	°C	Engine Control Module
Calculated Air Flow	434	g/s	Engine Control Module
MAF Sensor	405	g/s	Engine Control Module
MAP Sensor	29.2	kPa	Engine Control Module
Intake Manifold Pressure	29	kPa	Engine Control Module
Engine Load	11.8	%	Engine Control Module
Ignition 1 Signal	14.47	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	14.3	V	Engine Control Module
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	OK		Engine Control Module
A/C Compressor Operation	Allowed		Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Traction Control Status	Inactive		Engine Control Module
Engine Drag Control Status	Inactive		Engine Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

TAC Data



Parameter Name	Value	Unit	Control Module
Intake Manifold Pressure	30	kPa	Engine Control Module
Engine Load	12.2	%	Engine Control Module
Ignition 1 Signal	14.42	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	14.5	V	Engine Control Module
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	OK		Engine Control Module
A/C Compressor Operation	Allowed		Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Traction Control Status	Inactive		Engine Control Module
Engine Drag Control Status	Inactive		Engine Control Module
Reduced Engine Power History	None		Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module
MIL Requested by DTC	No		Engine Control Module
Engine Run Time	00:01:58		Engine Control Module



Data Display

Create Report

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Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

TAC Data



Parameter Name	Value	Unit	Control Module
Intake Manifold Pressure	30	kPa	Engine Control Module
Engine Load	12.2	%	Engine Control Module
Ignition 1 Signal	14.44	V	Engine Control Module
Ignition Accessory Signal	On		Engine Control Module
Engine Controls Ignition Relay Command	On		Engine Control Module
Engine Controls Ignition Relay Feedback Signal	14.5	V	Engine Control Module
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit Open Test Status	Not Run		Engine Control Module
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	OK		Engine Control Module
A/C Compressor Operation	Allowed		Engine Control Module
A/C Compressor Clutch Relay Command	On		Engine Control Module
Traction Control Status	Inactive		Engine Control Module
Engine Drag Control Status	Inactive		Engine Control Module
Reduced Engine Power History	None		Engine Control Module
Vehicle Speed Sensor	0	km/h	Engine Control Module
MIL Requested by DTC	No		Engine Control Module
Engine Run Time	00:02:00		Engine Control Module



- [K20] Engine Control Module
- [K103] Fuel Injector Control Module
- [K38] Chassis Control Module**
- [K34] Glow Plug Control Module
- Hybrid Powertrain Control Module
- Hybrid Powertrain Control Module 2
- [K71] Transmission Control Module
- [K44] Power Take-Off Control Module
- [K69] Transfer Case Control Module
- [K14] Distance Sensing Cruise Control Module
- [K17] Electronic Brake Control Module
- [K83] Parking Brake Control Module
- [K43] Power Steering Control Module
- [K2501] Electric Motor Control Module

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

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Diagnostic Trouble Codes (DTC)

- Identification Information
- Data Display
- Control Functions

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path	
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Chassis Control Module	

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DTC Display

- Diagnostic Test Status: This Ignition Cycle
- Diagnostic Test Status: Since DTC Clear
- Freeze Frame/Failure Records
- Specific DTC

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

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DTC Display

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Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Chassis Control Module	No DTCs Stored	0	6.14

Control Module	DTC	Symptom Byte	Description	Symptom Description	Status

Category	Decoded Value

Clear DTCs

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- DTC Display
- Diagnostic Test Status: This Ignition Cycle
- Diagnostic Test Status: Since DTC Clear
- Freeze Frame/Failure Records**
- Specific DTC

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

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- Diagnostic Trouble Codes (DTC)
- Identification Information
- Data Display**
- Control Functions

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

- Module Diagnostics
- Chassis Control Module

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Data Display

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Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Vehicle Speed	0	km/h	Chassis Control Module
Trailer Brake Sensitivity Switch	20	%	Chassis Control Module
Manual Trailer Brake Apply Request Signal 1	12	%	Chassis Control Module
Manual Trailer Brake Apply Request Signal 2	20	%	Chassis Control Module
Deviation Between Manual Trailer Brake Apply Request Signal 1 and 2	0	%	Chassis Control Module
Trailer Brake Sensitivity	0	%	Chassis Control Module
ABS Active Signal	OK		Chassis Control Module
Wheel Speed Signal	OK		Chassis Control Module
Brake Request from ESCM	OK		Chassis Control Module
Brake Pressure Signal	OK		Chassis Control Module
Automatic Braking Active Signal	OK		Chassis Control Module
Automatic Braking Torque Signal	OK		Chassis Control Module
Vehicle Stability Enhancement System Signal	OK		Chassis Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	Okay		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Output Control Mode by Battery Voltage	11.0	V	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph OTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Vehicle Speed	0	km/h	Chassis Control Module
Trailer Brake Sensitivity Switch	88	%	Chassis Control Module
Manual Trailer Brake Apply Request Signal 1	12	%	Chassis Control Module
Manual Trailer Brake Apply Request Signal 2	88	%	Chassis Control Module
Deviation Between Manual Trailer Brake Apply Request Signal 1 and 2	1	%	Chassis Control Module
Trailer Brake Sensitivity	0	%	Chassis Control Module
ABS Active Signal	OK		Chassis Control Module
Wheel Speed Signal	OK		Chassis Control Module
Brake Request from EBCM	OK		Chassis Control Module
Brake Pressure Signal	OK		Chassis Control Module
Automatic Braking Active Signal	OK		Chassis Control Module
Automatic Braking Torque Signal	OK		Chassis Control Module
Vehicle Stability Enhancement System Signal	OK		Chassis Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	Okay		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	Okay		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.9	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.5	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Not Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	0	Nm	Chassis Control Module
Brake Master Cylinder Pressure Sensor	0	kPa	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	0.0		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.9	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.5	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Not Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	0	Nm	Chassis Control Module
Brake Master Cylinder Pressure Demand	0	MPa	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	0.0		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.9	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.5	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Not Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	0	Nm	Chassis Control Module
Brake Master Cylinder Pressure Sensor	0	kPa	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	0.0		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.9	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.5	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	7196	Nm	Chassis Control Module
Brake Master Cylinder Pressure Sensor	6076	kPa	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	0.0		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.9	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.5	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Not Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	210	Nm	Chassis Control Module
Brake Master Cylinder Pressure Sensor	0	kPa	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph OTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	0.0		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	12.9	V	Chassis Control Module
Trailer Brake Control Output Circuit	8.4	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	5400	Nm	Chassis Control Module
Brake Master Cylinder Pressure Sensor	5438	kPa	Chassis Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display | Graphical Data Display | Line Graph | DTC Display

Trailer Brake Control Data



Parameter Name	Value	Unit	Control Module
Trailer Brake Type	Undefined		Chassis Control Module
Induced Voltage by Trailer Brake Coil	0.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	0.0		Chassis Control Module
Trailer Brake Control Duty Cycle	0	%	Chassis Control Module
Trailer Brake Power Control Module Battery Voltage	13.0	V	Chassis Control Module
Trailer Brake Control Output Circuit	9.5	V	Chassis Control Module
Desired Trailer Brake Control Duty Cycle	7	%	Chassis Control Module
Trailer Brake Automatic Control State	Normal		Chassis Control Module
Automatic Brake Request from EBCM	No		Chassis Control Module
Automatic Brake Control Gain Request from EBCM	0	%	Chassis Control Module
Antilock Braking System	Inactive		Chassis Control Module
Driver Initiated Brake Event	Not Detected		Chassis Control Module
Stop Lamp Signal	Not Requested		Chassis Control Module
Automatic Braking Event	Not Detected		Chassis Control Module
Trailer Brake Power Control Module	Energized		Chassis Control Module
Automatic Braking Torque	82	Nm	Chassis Control Module
Brake Master Cylinder Pressure Sensor	0	kPa	Chassis Control Module



- [K20] Engine Control Module
- [K103] Fuel Injector Control Module
- [K38] Chassis Control Module
- [K34] Glow Plug Control Module
- Hybrid Powertrain Control Module
- Hybrid Powertrain Control Module 2
- [K71] Transmission Control Module**
- [K44] Power Take-Off Control Module
- [K69] Transfer Case Control Module
- [K14] Distance Sensing Cruise Control Module
- [K17] Electronic Brake Control Module
- [K83] Parking Brake Control Module
- [K43] Power Steering Control Module
- [K2501] Electric Wheel Axle Control Module

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

Module Diagnostics

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- Diagnostic Trouble Codes (DTC)
- Identification Information
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- Control Functions
- Configuration/Reset Functions

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

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Module Diagnostics

Transmission Control Module

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- Specific DTC
- Diagnostic Test Status: Since DTC Clear
- Diagnostic Test Status: This Ignition Cycle
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Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

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DTC Display

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Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
✓	Transmission Control Module	No DTCs Stored	0	6,14

Control Module	DTC	Symptom Byte	Description	Symptom Description	Status
----------------	-----	--------------	-------------	---------------------	--------

Category	Decoded Value
----------	---------------

Clear DTCs

Refresh

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Vehicle Name

Done

- DTC Display
- Specific DTC
- Diagnostic Test Status: Since DTC Clear
- Diagnostic Test Status: This Ignition Cycle
- Freeze Frame/Failure Records**

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path
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No Freeze Frame/Failure Records

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- [K20] Engine Control Module
- [K103] Fuel Injector Control Module
- [K38] Chassis Control Module
- [K34] Glow Plug Control Module
- Hybrid Powertrain Control Module
- Hybrid Powertrain Control Module 2
- [K71] Transmission Control Module
- [K44] Power Take-Off Control Module
- [K69] Transfer Case Control Module
- [K14] Distance Sensing Cruise Control Module
- [K17] Electronic Brake Control Module**
- [K83] Parking Brake Control Module
- [K43] Power Steering Control Module
- [K2501] Electric Wheel Axle Control Module

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

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Selected Vehicle

Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration

Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

Module Diagnostics
Electronic Brake Control Module



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DTC Display

Freeze Frame/Failure Records

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path
Module Diagnostics
Electronic Brake Control Module
Diagnostic Trouble Codes (DTC)

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DTC Display

Create Report

Add Bookmark

Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
✓	Electronic Brake Control Module	No DTCs Stored	0	6.14

Control Module	DTC	Symptom Byte	Description	Symptom Description	Status

Category	Decoded Value

Clear DTCs

Refresh

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Vehicle Name

Done

DTC Display

Freeze Frame/Failure Records

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path
Module Diagnostics
Electronic Brake Control Module
Diagnostic Trouble Codes (DTC)

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DTC Display

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Status	Control Module Name	Control Module Status	DTC Count	DLC Pin
	Electronic Brake Control Module	No DTCs Stored	0	6,14

Control Module	DTC	Symptom Byte	Description	Symptom Description	Status
----------------	-----	--------------	-------------	---------------------	--------

Category	Decoded Value
----------	---------------

Clear DTCs

Refresh

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Vehicle Name

Done

- Diagnostic Trouble Codes (DTC)
- Identification Information
- Data Display**
- Control Functions
- Configuration/Reset Functions

Selected Vehicle		
Property	Value	Value Source
Model Year	2016	VIN
Make	GMC	VIN
Model	Sierra	VIN

Selected Vehicle Configuration		
Property	Value	Value Source
Engine Identif...	5.3L (L83)	User
Telematics Co...	10	Control Module
Transmission ...	Automatic Tra...	User
Passenger Pre...	Passenger Pre...	Control Module

Navigation Path

Module Diagnostics

Electronic Brake Control Module

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Select Data List

Antilock Braking Data

Solenoid Valve Data

Adaptive Pressure Control Data



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Data Display

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Diagnostic Data Display Graphical Data Display Line Graph

Antilock Braking Data



Parameter Name	Value	Unit	Control Module
System Voltage	13.01	V	Electronic Brake Control Module
ABS Pump Motor Voltage	0.00	V	Electronic Brake Control Module
Brake Pressure Sensor	2514	kPa	Electronic Brake Control Module
Brake Pressure Sensor	0.51	V	Electronic Brake Control Module
Left Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Left Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-0	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	-156.0	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module



Data Display

Create Report

Add Bookmark

Diagnostic Data Display Graphical Data Display Line Graph

Antilock Braking Data



Parameter Name	Value	Unit	Control Module
System Voltage	12.04	V	Electronic Brake Control Module
ABS Pump Motor Voltage	0.00	V	Electronic Brake Control Module
Brake Pressure Sensor	23.14	MPa	Electronic Brake Control Module
Brake Pressure Sensor	0.51	V	Electronic Brake Control Module
Left Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Left Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-0	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	-155.8	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module



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Antilock Braking Data



Parameter Name	Value	Unit	Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-0	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	-155.5	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Park Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module
Brake Booster Vacuum Sensor Supply	4.96	V	Electronic Brake Control Module
Brake Booster Vacuum Sensor	-86	kPa	Electronic Brake Control Module



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Antilock Braking Data



Parameter Name	Value	Unit	Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-0	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	-155.8	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Park Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module
Brake Booster Vacuum Sensor Supply	4.96	V	Electronic Brake Control Module
Brake Booster Vacuum Sensor	91	kPa	Electronic Brake Control Module



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Antilock Braking Data

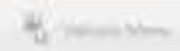


Parameter Name	Value	Unit	Control Module
Right Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Left Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-4	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	0.0	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	-40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Panic Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module





Parameter Name	Value	Unit	Control Module
Right Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Left Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-4	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	81.8	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Panic Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module



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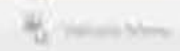
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Antilock Braking Data



Parameter Name	Value	Unit	Control Module
Right Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Left Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-0	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	300	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	-40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Panic Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module





Parameter Name	Value	Unit	Control Module
Right Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Left Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-4	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	0.0	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	-40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Panic Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module



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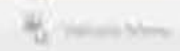
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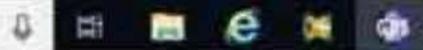
Parameter Name	Value	Unit	Control Module
Right Front Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Left Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Right Rear Wheel Speed Sensor	0	km/h	Electronic Brake Control Module
Lateral Acceleration Signal	-4	m/s ²	Electronic Brake Control Module
Yaw Rate Signal	0	°/s	Electronic Brake Control Module
Steering Wheel Angle	-8.1	°	Electronic Brake Control Module
Requested Torque	27	%	Electronic Brake Control Module
Delivered Torque	-40	%	Electronic Brake Control Module
Brake Pedal Position Sensor	Inactive		Electronic Brake Control Module
Traction Control System Status	Inactive		Electronic Brake Control Module
Vehicle Stability System Status	Inactive		Electronic Brake Control Module
Brake Fluid Level Sensor	OK		Electronic Brake Control Module
Antilock Braking System	OK		Electronic Brake Control Module
Traction Control System	OK		Electronic Brake Control Module
Vehicle Stability System	OK		Electronic Brake Control Module
Panic Brake Assist Status	OK		Electronic Brake Control Module
Dynamic Rear Proportioning Status	OK		Electronic Brake Control Module



GDS 2 v.20.2.01300 GM Global v2018-9-3 VIN: 1GTV2MEC3G2 [redacted] 2016.GMC.Sierra.Module Diagnostics:Electronic Brake Control Module

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